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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/051,180	01/22/2002	Mark A. Felkey	WMA01004	9669
25537	7590	08/10/2005	EXAMINER	
MCI, INC 1133 19TH STREET NW WASHINGTON, DC 20036			MARTIN, NICHOLAS A	
			ART UNIT	PAPER NUMBER

2154

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/051,180

Applicant(s)

FELKEY ET AL.

Examiner

Nicholas Martin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 May 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 April 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/1/02, 8/14/02
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

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1. Claims 1-40 are presented for examination.
2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office Action.

Response to Arguments

3. Applicant's arguments filed on 5/25/2005 with respect to claims 1-40 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-40 are rejected under 35 U.S.C. 103(a) as being anticipated by Crawford, Christopher M. (hereinafter Crawford), US 6,014,651 in view of Elsbree, Christopher N. (hereinafter Elsbree), US 6,834,388.
6. As per claim 1, Crawford teaches a system for providing software integration for on-line procurement of telecommunications offerings, comprising:

a web tier configured to receive a request or a user action from a web server (Col. 27, lines 48-54); and

an application tier coupled to the web tier and configured to perform order management, online ordering or user management functions (Col. 16, lines 57-65; Col. 46, lines 62-67; Col. 47, lines 1-14),

wherein the web tier or the application tier includes software objects to support procurement of the telecommunications offerings on-line (Col. 16, lines 57-65; Col. 17, lines 1-5; Col. 18, lines 16-22; Col. 19, lines 9-17).

7. Crawford does not teach a system for providing software integration for on-line procurement of telecommunications offerings, comprising:

software objects from the general-purpose software objects to support procurement of the telecommunications offerings on-line and software objects created to support procuring of the telecommunications offerings online.

8. Elsbree teaches a system for providing software integration for on-line procurement of telecommunications offerings, comprising:

software objects from the general-purpose software objects to support procurement of the telecommunications offerings on-line and software objects created to support procuring of the telecommunications offerings online (Col. 6, lines 12-39).

9. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings of Elsbree and Crawford because both deal with software integration for telecommunication services. Furthermore, the teachings of Elsbree to allow software objects from the general-purpose software objects to support procurement of the telecommunications offerings on-line and software objects created to support procuring of the telecommunications offerings online would improve the

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functionality of Crawford's system by allowing the objects to carry additional information for product collection and distribution.

10. As per claim 2, Crawford teaches the system of claim 1, wherein the web tier includes reconfigured software objects that include reconfigured JavaServer Pages (JSPs), reconfigured transition policies, or reconfigured display objects (Col. 16, lines 57-65; Col. 17, lines 1-5; Col. 35, lines 24-34).

11. As per claim 3, Crawford teaches the system of claim 1, wherein the web tier includes the custom software objects that include custom JavaServer Pages (JSPs), reconfigured transition policies, or reconfigured display objects (Col. 16, lines 57-65; Col. 17, lines 1-5; Col. 35, lines 24-34).

12. As per claim 4, Crawford teaches the system of claim 1, wherein the application tier includes reconfigured software objects that include reconfigured JavaServer Pages (JSPs), reconfigured transition policies, or reconfigured display objects (Col. 16, lines 57-65; Col. 17, lines 1-5; Col. 35, lines 24-34).

13. As per claim 5, Crawford teaches the system of claim 1, wherein the application tier includes the custom software objects that include custom JavaServer Pages (JSPs), custom transition policies, or custom display objects (Col. 16, lines 57-65; Col. 17, lines 1-5; Col. 35, lines 24-34).

14. As per claim 6, Crawford teaches the system of claim 1, wherein the web tier includes a back office portal including the custom software objects and configured to provide to the web server context-sensitive contact information, callback forms, help

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center information, or requests for inventory (Col. 4, lines 48-59; Col. 69, lines 38-43, lines 49-53).

15. As per claim 7, Crawford teaches the system of claim 1, wherein the web tier includes a customer portal including the software objects and configured to provide to the web server customer order information, customer support information, or customer order status information (Col. 28, lines 29-44; Col. 31, lines 60-62; Col. 69, lines 38-43, lines 44-48), wherein the extended software objects include software objects extended from software objects included in a generic architecture, extended to support ordering telecommunications services or products (Col. 71, line 33 – Col. 72, line 23).

16. Crawford does not teach the system of claim 1, includes a customer portal including the extended software objects, wherein the extended software objects include software objects extended from software objects included in a generic architecture.

17. Elsbree teaches a system includes a customer portal including the extended software objects, wherein the extended software objects include software objects extended from software objects included in a generic architecture (Col. 6, lines 12-39).

18. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings of Elsbree and Crawford because both deal with software integration for telecommunication services. Furthermore, the teachings of Elsbree to allow includes a customer portal including the extended software objects, wherein the extended software objects include software objects extended from software objects included in a generic architecture would improve the functionality of Crawford's

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system by allowing the objects to carry additional information for product collection and distribution.

19. As per claim 8, Crawford teaches the system of claim 1, wherein the application tier includes an order management function for providing to the web tier the context-sensitive contact information, callback forms, help center information, or requests for inventory (Col. 4, lines 48-59; Col. 16, lines 57-65; Col. 46, lines 62-67; Col. 47, lines 1-14; Col. 69, lines 38-43, lines 49-53).

20. As per claim 9, Crawford teaches the system of claim 1, wherein the application tier includes an online ordering function for providing online ordering functionality to the web tier (Col. 10, lines 13-16; Col. 16, lines 57-65; Col. 30, lines 34-47).

21. As per claim 10, Crawford teaches the system of claim 1, wherein the application tier includes a user management function for providing user management functionality to the web tier (Col. 10, lines 5-8; Col. 16, lines 57-65; Col. 34, lines 25-28; Col. 46, lines 62-67; Col. 47, lines 1-14).

22. As per claim 11, Crawford teaches the system of claim 1, further comprising a database tier coupled to the web tier or application tier and configured to persist data, store objects or store tables (Col. 3, lines 29-31; Col. 8, lines 24-27, lines 55-60; Col. 10, lines 1-4).

23. As per claim 12, Crawford teaches the system of claim 11, wherein at least one of the web tier and the application tier is configured to generate custom tables to extend a

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schema of tables (Col. 22, lines 9-19; Col. 35, lines 26-31; Col. 36, lines 38-41; Col. 39, lines 14-16).

24. As per claim 13, Crawford teaches the system of claim 12, wherein at least one of the web tier and the application tier are configured to map the custom tables to he extended software objects or the custom software objects (Col. 21, lines 55-62).

25. As per claim 14, Crawford teaches the system of claim 1, wherein the software objects or the custom software objects belong to an order domain configured to support and order class (Col. 2, lines 7-9, 63-67; Col. 3, lines 1-4).

26. As per claim 15, Crawford teaches the system of claim 1, wherein the extended software objects or the custom software objects belong to a fulfillment status domain configured to provide order fulfillment functionality (Col. 49, lines 24-29, lines 35-39; Col. 50, lines 50-56; Col. 52, lines 12-16).

27. As per claim 16, Crawford teaches the system of claim 1, wherein the extended software objects or the custom software objects belong to a move, change or disconnect domain configured to store summary information of order entry and status applications (Col. 9, lines 40-48; Col. 30, lines 16-20; Col. 46, lines 24-27).

28. As per claim 17, Crawford teaches the system of claim 1, wherein the extended software objects or the custom software objects belong to an order activity domain configured to carry out business logic or application logic for order management events involving persistence, transaction-sensitive data retrieval or specialized business logic (Col. 3, lines 4-7; Col. 4, lines 43-59; Col. 69, lines 38-43, lines 49-53).

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29. As per claim 18, Crawford teaches the system of claim 1, wherein the extended software objects or the custom software objects belong to a helpers domain configured to create domain objects, perform specialized business logic or perform persistence of domain objects (Col. 2, lines 7-9, 63-67; Col. 3, lines 1-7; Col. 4, lines 43-59; Col. 10, lines 13-16; Col. 18, lines 29-34; Col. 69, lines 38-43, lines 49-53).

30. As per claim 19, Crawford teaches the system of claim 1, wherein the extended software objects or the custom software objects belong to a customer support domain configured to provide storage for information needed to retrieve an appropriate set of contact information for back office personnel (Col. 2, lines 63-67; Col. 3, lines 1-4, lines 29-31; Col. 4, lines 48-59; Col. 8, lines 24-27, lines 55-60; Col. 10, lines 1-4; Col. 69, lines 38-43, lines 49-53).

31. Claims 20-38 do not teach or define any new limitations above claims 1-19 and therefore are rejected for similar reasons.

32. As per claim 39, Crawford teaches a computer-readable medium storing computer-executable instructions for performing the steps recited in claim 20 (Col. 8, lines 41-43; Col. 33, lines 40-45).

33. Claim 40 does not teach or define any new limitations above claim 20 and therefore is rejected for similar reasons.

Response to Amendment

34. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Conclusion

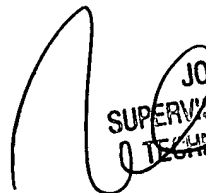
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Martin whose telephone number is (571) 272-3970. The examiner can normally be reached on Monday - Friday 8:30 a.m. - 5:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3970.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nicholas Martin
August 4, 2005

 JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100